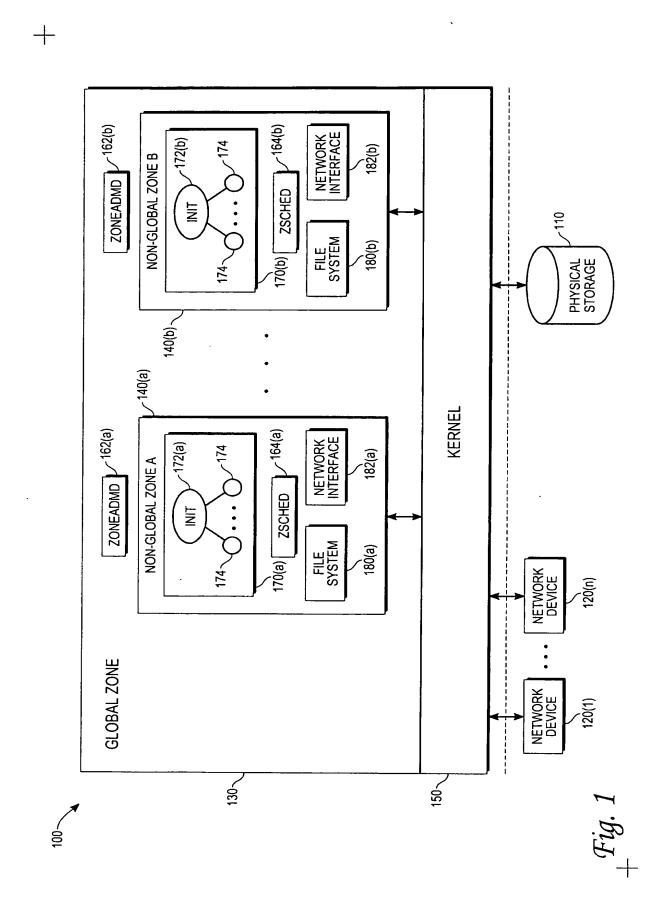
ENVIRONMENT

Inventor(s): Daniel B. Price, et al.

Date: January 28, 2004 Express Mail No.: EV323351476US

Docket No. 15437-0593

Sheet 1 of 6



ENVIRONMENT

Inventor(s): Daniel B. Price, et al.

Date: January 28, 2004 Express Mail No.: EV323351476US

Docket No. 15437-0593

Sheet 2 of 6

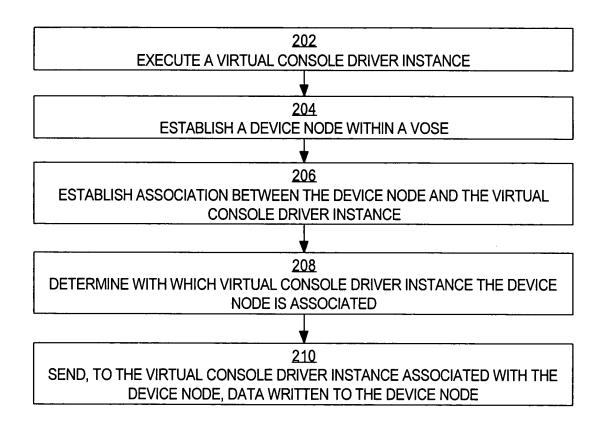
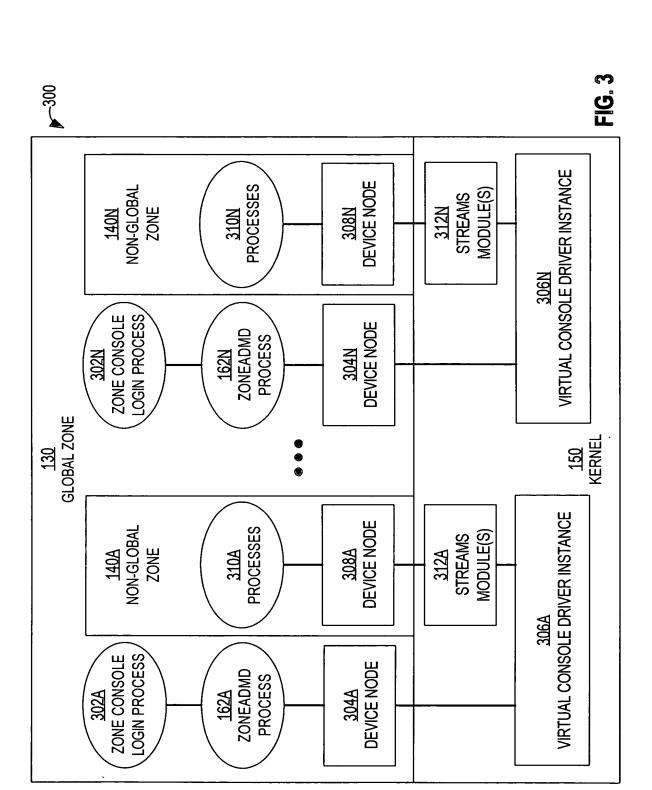


FIG. 2

ENVIRONMENT

Inventor(s): Daniel B. Price, et al.
Date: January 28, 2004 Express Mail No.: EV323351476US
Docket No. 15437-0593 Sheet 3 of 6



ENVIRONMENT

Inventor(s): Daniel B. Price, et al.

Date: January 28, 2004 Express Mail No.: EV323351476US

Docket No. 15437-0593 Sheet 4 of 6

402 ESTABLISH GLOBAL ZONE

404

EXECUTE ZONEADMD PROCESSES IN GLOBAL ZONE

406

ESTABLISH NON-GLOBAL ZONES

408

ZONEADMD PROCESS INSTRUCTS KERNEL TO EXECUTE A VIRTUAL CONSOLE DRIVER INSTANCE

410

KERNEL EXECUTES A VIRTUAL CONSOLE DRIVER INSTANCE

412

ZONEADMD PROCESS INSTRUCTS KERNEL TO GENERATE A FIRST DEVICE NODE IN A PARTICULAR NON-GLOBAL ZONE

414

KERNEL GENERATES A FIRST DEVICE NODE IN THE PARTICULAR NON-GLOBAL ZONE

416

ZONEADMD PROCESS INSTRUCTS
KERNEL TO ESTABLISH MAPPING
BETWEEN FIRST DEVICE NODE AND
VIRTUAL CONSOLE DRIVER INSTANCE

418

KERNEL ESTABLISHES MAPPING BETWEEN FIRST DEVICE NODE AND VIRTUAL CONSOLE DRIVER INSTANCE

420

ZONEADMD PROCESS INSTRUCTS
KERNEL TO ATTACH STREAMS
MODULES TO VIRTUAL CONSOLE
DRIVER INSTANCE

422

KERNEL ATTACHES STREAMS
MODULES TO VIRTUAL CONSOLE
DRIVER INSTANCE

424

ZONEADMD PROCESS INSTRUCTS KERNEL TO GENERATE A SECOND DEVICE NODE IN THE GLOBAL ZONE

426

KERNEL GENERATES A SECOND DEVICE NODE IN GLOBAL ZONE

428

ZONEADMD PROCESS INSTRUCTS KERNEL TO ESTABLISH MAPPING BETWEEN SECOND DEVICE NODE AND VIRTUAL CONSOLE DRIVER INSTANCE

TO 430

FIG. 4A

ENVIRONMENT

Inventor(s): Daniel B. Price, et al.

Date: January 28, 2004 Express Mail No.: EV323351476US

Docket No. 15437-0593 Sheet 5 of 6



430

KERNEL ESTABLISHES MAPPING BETWEEN SECOND DEVICE NODE AND VIRTUAL CONSOLE DRIVER **INSTANCE**



RECEIVE, FROM FIRST PROCESS, REQUEST TO WRITE TO FIRST DEVICE NODE



KERNEL DETERMINES WHICH VIRTUAL CONSOLE DRIVER INSTANCE IS MAPPED TO FIRST DEVICE NODE



436

KERNEL SENDS, TO VIRTUAL CONSOLE DRIVER INSTANCE MAPPED TO FIRST DEVICE NODE, DATA RECEIVED FROM FIRST PROCESS



438

RECEIVE, FROM SECOND PROCESS, REQUEST TO READ FROM SECOND DEVICE NODE



440

KERNEL DETERMINES WHICH VIRTUAL CONSOLE DRIVER INSTANCE IS MAPPED TO SECOND DEVICE NODE



KERNEL SENDS, TO SECOND PROCESS, DATA SENT TO VIRTUAL CONSOLE DRIVER INSTANCE MAPPED TO SECOND DEVICE NODE

FIG. 4B

Title: VIRTUAL SYSTEM CONSOLE FOR VIRTUAL APPLICATION ENVIRONMENT

Inventor(s): Daniel B. Price, et al.
Date: January 28, 2004 Express Mail No.: EV323351476US
Docket No. 15437-0593 Sheet 6 of 6

